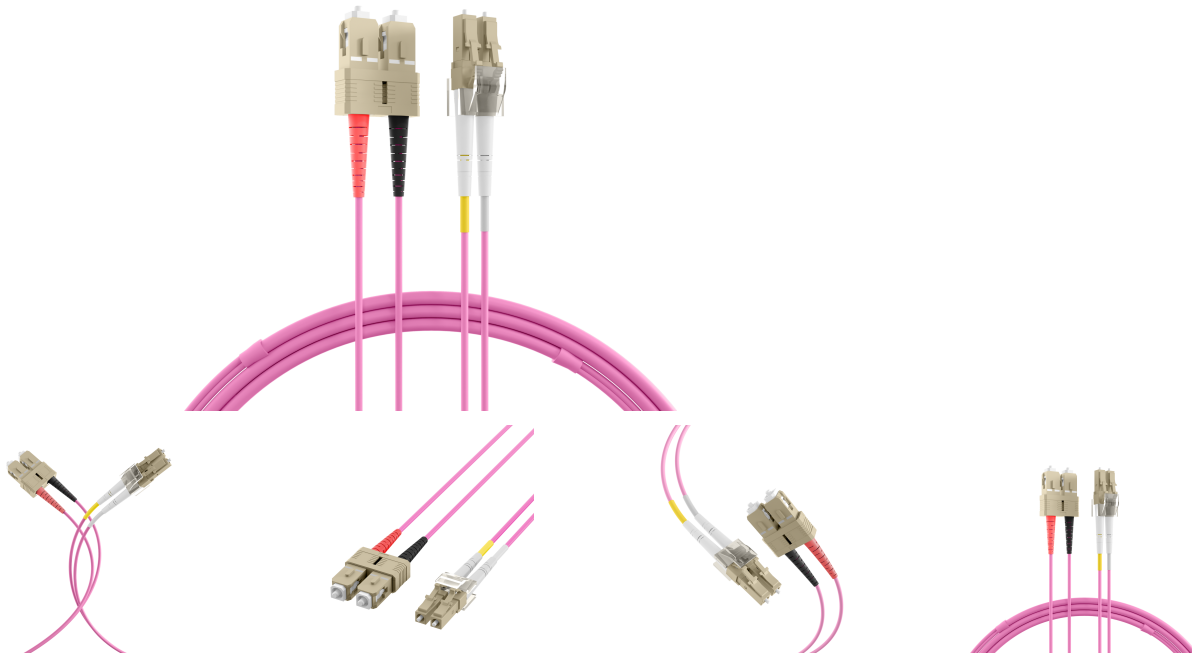


# DATASHEET

## INFRALAN® Duplex Patchcable Flat-Twin LC-SC OM4 10m LSZH 3x5mm heatherviolet



### General data

The INFRALAN® LC-SC fiber optic Flat Twin Patch Cables consist of defined components that conform to structured cabling according to ISO/IEC 11801 and EN50173-x. The connectors used comply with IEC 61754-20 and meet the quality class B/2 according to IEC 61753-1 for the singlemode version and the quality class A/1 according to IEC 61753-122-2 for the multimode versions. The assembled patch cable has a halogen-free and flame-retardant sheath that complies with IEC 60754-2, IEC 60332-1 and IEC 61034 standards. In addition, the INFRALAN® Flat Twin patch cables have an additional outer sheath, which gives these special cables greater stability and can therefore also be used for cabinet-to-cabinet cabling. The whip length is 150mm including the plugs, the material of the cable whips is in the same colour as the sheath material.

#### Application:

- Connecting active components
- Connecting passive components
- Connection of active connection elements
- Industrial cable connections
- subscriber connections

#### Delivery:

The INFRALAN® LC-SC Flat Twin fiber optic patch cable is packed in a polybag containing a measurement report and

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clips for coding. Furthermore, the fiber is marked on the outer sheath with the INFRALAN® logo.

| Technical properties           |                                                                            |
|--------------------------------|----------------------------------------------------------------------------|
| Anti-kink sleeve               | put-on                                                                     |
| Bend optimized fiber           | no                                                                         |
| Cable structure                | Duplex                                                                     |
| Cable type                     | I-V(ZN) HH                                                                 |
| Cable Ø                        | 3x5 mm                                                                     |
| Category                       | OM4                                                                        |
| Colour outer sheath            | erica-violet                                                               |
| Fibre type                     | Multimode 50/125                                                           |
| Flame retardant                | acc. to IEC 60332-1-2                                                      |
| Halogen free                   | acc. to IEC 62821                                                          |
| Insertion loss 850nm           | ≤0,20 dB                                                                   |
| Low smoke                      | acc. to IEC 61034                                                          |
| Material outer sheath          | LSZH                                                                       |
| Min. Bending radius (Dynamic)  | 20xOD mm                                                                   |
| Min. Bending radius (Static)   | 10xOD mm                                                                   |
| Number of fibres               | 2                                                                          |
| Operating Temperature          | -10 - 60 °C                                                                |
| Packaging                      | EFB-Electronics poly bag (resealable)                                      |
| Reinforcement                  | Aramid                                                                     |
| Scope of delivery              | 1x Patchcable, 2x Duplex Clip, 1x Measurement Report, 1x Information Sheet |
| Storage Temperature            | -20 - 60 °C                                                                |
| Type of connector connection 1 | LC                                                                         |
| Type of connector connection 2 | SC                                                                         |

| Available variants   |                                                                               |        |                  |
|----------------------|-------------------------------------------------------------------------------|--------|------------------|
| ArtNr.               | Bezeichnung                                                                   | Length | Length tolerance |
| IPL-DF-LCUSCU-4-0050 | INFRALAN® Duplex Patchcable Flat-Twin LC-SC OM4 0,5m LSZH 3x5mm heatherviolet | 0.5 m  | ±5 %             |
| IPL-DF-LCUSCU-4-0100 | INFRALAN® Duplex Patchcable Flat-Twin LC-SC OM4 1m LSZH 3x5mm heatherviolet   | 1.0 m  | ±5 %             |
| IPL-DF-LCUSCU-4-0200 | INFRALAN® Duplex Patchcable Flat-Twin LC-SC OM4 2m LSZH 3x5mm heatherviolet   | 2.0 m  | ±5 %             |

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|                      |                                                                              |        |      |
|----------------------|------------------------------------------------------------------------------|--------|------|
| IPL-DF-LCUSCU-4-0300 | INFRALAN® Duplex Patchcable Flat-Twin LC-SC OM4 3m LSZH 3x5mm heatherviolet  | 3.0 m  | ±5 % |
| IPL-DF-LCUSCU-4-0500 | INFRALAN® Duplex Patchcable Flat-Twin LC-SC OM4 5m LSZH 3x5mm heatherviolet  | 5.0 m  | ±5 % |
| IPL-DF-LCUSCU-4-1000 | INFRALAN® Duplex Patchcable Flat-Twin LC-SC OM4 10m LSZH 3x5mm heatherviolet | 10.0 m | ±5 % |

### Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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